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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/047,021

DATE: 02/05/2002
 TIME: 17:12:54

Input Set : A:\PZ016P2-SeqList.txt
 Output Set: N:\CRF3\02052002\J047021.raw

3 <110> APPLICANT: Rosen et al.
 5 <120> TITLE OF INVENTION: 50 Human Secreted Proteins
 7 <130> FILE REFERENCE: PZ016P2
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/047,021
 C--> 9 <141> CURRENT FILING DATE: 2002-01-15
 9 <150> PRIOR APPLICATION NUMBER: US 60/262,066
 10 <151> PRIOR FILING DATE: 2001-01-18
 12 <150> PRIOR APPLICATION NUMBER: US 09/722,329
 13 <151> PRIOR FILING DATE: 2000-11-28
 15 <150> PRIOR APPLICATION NUMBER: US 09/262,109
 16 <151> PRIOR FILING DATE: 1999-03-04
 18 <150> PRIOR APPLICATION NUMBER: PCT/US98/18360
 19 <151> PRIOR FILING DATE: 1998-09-03
 21 <150> PRIOR APPLICATION NUMBER: US 60/057,626
 22 <151> PRIOR FILING DATE: 1997-09-05
 24 <150> PRIOR APPLICATION NUMBER: US 60/057,663
 25 <151> PRIOR FILING DATE: 1997-09-05
 27 <150> PRIOR APPLICATION NUMBER: US 60/057,669
 28 <151> PRIOR FILING DATE: 1997-09-05
 30 <150> PRIOR APPLICATION NUMBER: US 60/058,667
 31 <151> PRIOR FILING DATE: 1997-09-12
 33 <150> PRIOR APPLICATION NUMBER: US 60/058,974
 34 <151> PRIOR FILING DATE: 1997-09-12
 36 <150> PRIOR APPLICATION NUMBER: US 60/058,973
 37 <151> PRIOR FILING DATE: 1997-09-12
 39 <150> PRIOR APPLICATION NUMBER: US 60/058,666
 40 <151> PRIOR FILING DATE: 1997-09-12
 42 <150> PRIOR APPLICATION NUMBER: US 60/090,112
 43 <151> PRIOR FILING DATE: 1998-06-22
 46 <160> NUMBER OF SEQ ID NOS: 206
 48 <170> SOFTWARE: PatentIn Ver. 2.0
 50 <210> SEQ ID NO: 1
 51 <211> LENGTH: 733
 52 <212> TYPE: DNA
 53 <213> ORGANISM: Homo sapiens
 55 <400> SEQUENCE: 1
 56 gggatccgga gcccaaattct tctgacaaaa ctcacacatg ccacccgtgc ccagcacctg 60
 57 aattcgaggg tgcaccgtca gtcttctctt tcccccaaaa acccaaggac accctcatga 120
 58 tctcccgagc tcttgagggtc acatgcgtgg tgggtggacgt aagccacgaa gaccctgagg 180
 59 tcaagttcaa ctggtacgtg gacggcggtg aggtgcataa tgccaagaca aagccgcggg 240
 60 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300
 61 ggctgaatgg caaggagtac aagtgcgaagg tctccaacaa agccctccca acccccatcg 360
 62 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420

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63 catccccgga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct 480
64 atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga 540
65 ccacgcctcc cgtgctggac tccgacggct ccttcttctt ctacagcaag ctcaccgtgg 600
66 acaagagcag gtggcagcag gggaaacgtct tctcatgctc cgtgatgcat gaggtctgct 660
67 acaaccacta caccgagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc 720
68 gactctagag gat 733
70 <210> SEQ ID NO: 2
71 <211> LENGTH: 5
72 <212> TYPE: PRT
73 <213> ORGANISM: Homo sapiens
75 <220> FEATURE:
76 <221> NAME/KEY: Site
77 <222> LOCATION: (3)
78 <223> OTHER INFORMATION: Xaa equals any amino acid
80 <400> SEQUENCE: 2
81 Trp Ser Xaa Trp Ser
82 1 5
84 <210> SEQ ID NO: 3
85 <211> LENGTH: 86
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <221> NAME/KEY: Primer_Bind
91 <223> OTHER INFORMATION: Synthetic sequence with 4 tandem copies of the GAS binding
site
92 found in the IRF1 promoter (Rothman et al., Immunity 1:457-468
93 (1994)), 18 nucleotides complementary to the SV40 early promoter,
94 and a Xho I restriction site.
96 <400> SEQUENCE: 3
97 gcgcctcgag atttccccga aatctagatt tccccgaaat gatttccccg aaatgatttc 60
98 cccgaaatat ctgccatctc aattag 86
100 <210> SEQ ID NO: 4
101 <211> LENGTH: 27
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <221> NAME/KEY: Primer_Bind
107 <223> OTHER INFORMATION: Synthetic sequence complementary to the SV40 promoter;
includes a
108 Hind III restriction site.
110 <400> SEQUENCE: 4
111 gcggcaagct ttttgcaaag cctaggc 27
113 <210> SEQ ID NO: 5
114 <211> LENGTH: 271
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <221> NAME/KEY: Protein_Bind
120 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes
GAS
121 binding sites found in the IRF1 promoter (Rothman et al., Immunity
122 1:457-468 (1994)).

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124 <400> SEQUENCE: 5

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125 ctcgagatTTT ccccgaaatc tagattttccc cgaaatgatt tccccgaaat gattttccccg      60
126 aaatatctgc catctcaatt agtcagcaac catagtccccg cccctaactc cgcccatccc      120
127 gccctaact ccgcccagtt cgcgccattc tccgcccatt ggctgactaa ttttttttat      180
128 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt      240
129 ttttgagggc ctaggctttt gcaaaaagct t      271

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131 <210> SEQ ID NO: 6

132 <211> LENGTH: 32

133 <212> TYPE: DNA

134 <213> ORGANISM: Artificial Sequence

136 <220> FEATURE:

137 <221> NAME/KEY: Primer_Bind

138 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1 promoter

139 sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a

140 Xho I restriction site.

142 <400> SEQUENCE: 6

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143 gcgctcgagg gatgacagcg atagaacccc gg      32

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145 <210> SEQ ID NO: 7

146 <211> LENGTH: 31

147 <212> TYPE: DNA

148 <213> ORGANISM: Artificial Sequence

150 <220> FEATURE:

151 <221> NAME/KEY: Primer_Bind

152 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1 promoter

153 sequence (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a

154 Hind III restriction site.

156 <400> SEQUENCE: 7

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157 gcgaagcttc gcgactcccc ggatccgcct c      31

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159 <210> SEQ ID NO: 8

160 <211> LENGTH: 12

161 <212> TYPE: DNA

162 <213> ORGANISM: Homo sapiens

164 <400> SEQUENCE: 8

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165 ggggactttc cc      12

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167 <210> SEQ ID NO: 9

168 <211> LENGTH: 73

169 <212> TYPE: DNA

170 <213> ORGANISM: Artificial Sequence

172 <220> FEATURE:

173 <221> NAME/KEY: Primer_Bind

174 <223> OTHER INFORMATION: Synthetic primer with 4 tandem copies of the NF-KB binding site

175 (GGGGACTTTCCC), 18 nucleotides complementary to the 5' end of the

176 SV40 early promoter sequence, and a XhoI restriction site.

178 <400> SEQUENCE: 9

```

179 gcggcctcga ggggactttc ccggggactt tccggggact ttccgggact ttccatcctg      60

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180 ccatctcaat tag      73

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182 <210> SEQ ID NO: 10

183 <211> LENGTH: 256

184 <212> TYPE: DNA

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185 <213> ORGANISM: Artificial Sequence

187 <220> FEATURE:

188 <221> NAME/KEY: Protein_Bind

189 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes

NF-KB

190 binding sites.

192 <400> SEQUENCE: 10

193	ctcgagggga	ctttcccggg	gactttccgg	ggactttccg	ggactttcca	tctgccatct	60
194	caattagtag	gcaaccatag	tcccgcacct	aactccgccc	atcccgcccc	taactccgcc	120
195	cagttccgcc	cattctccgc	cccatggctg	actaatTTTT	tttatttatg	cagaggccga	180
196	ggccgcctcg	gcctctgagc	tattccagaa	gtagttagga	ggcttttttg	gaggcctagg	240
197	cttttgcaaa	aaagctt					256

199 <210> SEQ ID NO: 11

200 <211> LENGTH: 1110

201 <212> TYPE: DNA

202 <213> ORGANISM: Homo sapiens

204 <400> SEQUENCE: 11

205	gaattcggca	cgagcttggt	tgggggggga	gcaaaatcca	gaatctgcta	aacaccaatg	60
206	ctgtcactca	gagtttgtgt	atctgctgtc	tgtggagctc	tggaccaggc	ttgaggagacg	120
207	cttggggttt	ccacccacat	ctggggcaaa	ccagaccccc	aagtcactga	catgtcggtt	180
208	tttctactaa	tcacgttggt	tttggcaatt	ctgtatataa	taagaagtat	tgtgtttctca	240
209	cttgcacttk	ggcagaacgg	ttcactccaa	ggctgaatga	ctgccacgga	ccatccccca	300
210	gcaggggtcc	tgggggttag	tgggttgatt	ctgagcaact	ctamgcamag	agccccttag	360
211	tgggttccct	aactggacgg	ctaaccctgs	tgtggaatct	gactkkwtct	ggaccgaaga	420
212	ggacaggctg	ctctggagaa	atccttgggc	cttgtgcctg	atgctggctc	gggccaccct	480
213	ggccaccctc	ccttcatgcc	ccatgggacc	aggcagcagc	atgggagggg	gcagcttcca	540
214	gaacaccctt	ctgctagggg	ctkctggcct	ccctgctggc	acggccacat	ccatgggtctg	600
215	agtgtgtggt	tggaatgttt	tatcaacacc	agtcctcaca	gcttccccag	atgagcgaag	660
216	gggaagggga	tgggtgtgtg	ggggattgcc	tcccttgagg	ccccccagct	cccaggatac	720
217	ttgctggcgg	agctctgcct	gcggtggagg	ccctatgact	tgacctccat	cttctccctg	780
218	ggccccctgc	tggccctcac	tggcaggggc	tccctgcacg	ctgcaaggcc	agagcctccc	840
219	gccaggtgca	ggagaagtaa	atgcaggcca	gagataaatc	gtatttccct	ctaactcgga	900
220	tgtggagtga	gaggaaggaa	gcaggagtgg	agctgagtgt	tagtgagagg	tggctgagaa	960
221	ggcgggggtc	cgcttcttgc	ttccttgggc	atttgctgta	ggtgctgggt	ttcagcctgg	1020
222	aagggtgcag	cctctgcact	aagtctggtt	tgggtgaacgt	tcattggccc	caatataaac	1080
223	agtgttctg	gcgttctttg	tgactctoga				1110

225 <210> SEQ ID NO: 12

226 <211> LENGTH: 936

227 <212> TYPE: DNA

228 <213> ORGANISM: Homo sapiens

230 <220> FEATURE:

231 <221> NAME/KEY: misc_feature

232 <222> LOCATION: (294)..(294)

233 <223> OTHER INFORMATION: n equals a,t,g, or c

235 <220> FEATURE:

236 <221> NAME/KEY: misc_feature

237 <222> LOCATION: (298)..(298)

238 <223> OTHER INFORMATION: n equals a,t,g, or c

240 <220> FEATURE:

241 <221> NAME/KEY: misc_feature

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242 <222> LOCATION: (925)..(925)

243 <223> OTHER INFORMATION: n equals a,t,g, or c

245 <400> SEQUENCE: 12

246	gaattcggca	cgaggaattt	aagataccga	agtcttaaag	tgacctggac	gtgaaggaaa	60
247	aagtaagatg	agaaataaag	aaagcctttg	taagggtggt	ttaaaagcct	tatatgcaaa	120
248	ccttttaatc	tgtgtttctg	caagtgccat	ccttgtacag	tgtaagagg	gtaacatggg	180
249	ttacctttgc	accagcttca	gtgttaagct	cacctgttcc	tttgaagcac	ccatgtcagt	240
250	attagaagaa	taggcagcag	ttccttagtt	tacatatggt	tgkgcaatta	tttnctgnac	300
251	ttttttgttc	attaatttgt	cagtattaca	ccaaactgtt	tttgaacaaa	aaaaattttt	360
252	tttgcatcca	tttaatttta	ggtcaaataa	cattttatct	atgtggctca	ttttatatct	420
253	cctaatttta	tttatttcat	actgtagtgt	acagtattat	agttcttcaa	tatatagata	480
254	tatttttagta	aaaaaggaac	atgacgttga	tcatttgggc	aaatttttac	taaagagaag	540
255	agcattttatt	gtgttttgga	acattaattg	tgagatggga	tttttcaatt	ttattatttt	600
256	atttttgttt	ttttccaatt	actggaaatt	ccaaatttgg	gaacttttga	tacgatcttg	660
257	tgaaaacact	gtattttcga	ctgaaaattc	cactttcttc	atcttggttt	ttagctaaaa	720
258	agagggactg	ttaaatacaa	tgtatgatac	catgacaaaa	atctttcctg	aattgtcttt	780
259	gtaaaagtat	tattgaattt	tcaatttgta	atttcttttg	aaaatgacca	tgctcgaata	840
260	aaaatgtagc	caactaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	900
261	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaa			936

263 <210> SEQ ID NO: 13

264 <211> LENGTH: 921

265 <212> TYPE: DNA

266 <213> ORGANISM: Homo sapiens

268 <400> SEQUENCE: 13

269	ggcacgaggg	ccgtttgcgt	cggaagcctg	aagcatgggc	gctgagtggg	agctgggggc	60
270	cgargctggc	ggttcgtcgc	tgctgtgcgc	cgcgctgctg	gcggcgggct	gcgccctggg	120
271	cctgcgcctg	ggcgcggggc	agggggcggc	ggaccgcggg	gcgctcatct	ggctctgcta	180
272	cgacgcgctg	gtgcacttcg	cgctggaagg	cccttttgtc	tacttgctct	tagtaggaaa	240
273	cgttgcaaat	tccgatggct	tgattgcttc	tttatggaaa	gaatatggca	aagctgatgc	300
274	aagatggggt	tattttgatc	caaccattgt	gtctgtggaa	attctgaccg	tcgccctgga	360
275	tgggtctctg	gcattgttcc	tcatttatgc	catagtcaaa	gaaaaatatt	accggcattt	420
276	cctgcagatc	accctgtgcg	tgtgcgagct	gtatggctgc	tgatgacct	tcctcccaga	480
277	gtggctcacc	agaagcccca	acctcaacac	cagcaactgg	ctgtactgtt	ggctttacct	540
278	gttttttttt	aacggtgtgt	gggttctgat	cccaggactg	ctactgtggc	agtcattggt	600
279	agaactcaag	aaaatgcctc	agaaagaaac	cagttcagtg	aagaagtctc	agtgaacttt	660
280	caaaaccagg	cacgagccat	tatctaactt	catgaaccag	aatgaatcaa	atctttttgt	720
281	ttggccaaaa	tgtaatcatc	tccagtcctc	actttgtttt	tgtattgttg	ctcctgaaca	780
282	acctgtttca	aattggtttt	aaggcgacca	gttttcgttg	tattgtttgt	caattaaatg	840
283	gtgatatagg	gaaaagagaa	caaatttgaa	tttgtaataa	taaaatgttt	aattataaaa	900
284	aaaaaaaaaa	aaaaaaaaaa	a				921

286 <210> SEQ ID NO: 14

287 <211> LENGTH: 2541

288 <212> TYPE: DNA

289 <213> ORGANISM: Homo sapiens

291 <400> SEQUENCE: 14

292	ggcgggaagg	gaggacgtgg	gatggtggcg	gactggctgc	agcagagcta	ccaagcagtc	60
293	aaagagaagt	cctctgaagc	cttgagtttt	atgaagcggg	acctgacgga	gtttaccagg	120
294	gtggtgcagc	atgacacggc	ctgtaccatc	gcagccacgg	ccagcgtggg	caaggagaag	180
295	ctggctattg	cagcctgttc	ccggggcgct	tgcttctctc	gcccgttctc	tatacagacg	240

Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

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L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:81 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:502 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:574 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:575 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:713 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:764 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:985 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1029 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1036 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1042 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1049 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1324 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:1333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:1426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1440 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:1483 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
L:1512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
L:1554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:1628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:1629 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:1657 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:1692 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:1752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:1835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
L:2012 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71
L:2015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71
L:2021 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71

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L:2226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79
L:2293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82
L:2430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86